

Date: June 9, 2003

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
QVB	AR 5,740,534	4/14/98	Ayerst et al.			
	BR 6,266,614 B1	7/24/01	Alumbaugh			
	CR 5,673,306	9/30/97	Amadon et al.			
	DR 6,148,198	11/14/00	Anderson et al.			
	ER 5,579,372	11/26/96	Astrom			
	FR 5,943,399	8/24/99	Bannister et al.			
	GR 6,101,378	8/8/00	Barabash et al.			
	HR 6,148,197	11/14/00	Bridges et al.			
	IR 6,226,529 B1	5/1/01	Bruno et al.			
	JR 5,950,130	9/7/99	Coursey			
	KR 5,974,054	10/26/99	Couts et al.			
	LR 6,122,503	9/19/00	Daly			
	MR 5,802,492	9/1/98	Delorme et al.			
QVB	NR 6,289,373 B1	9/11/01	Dezonne			

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Examiner

Crystal Barnes

Date Considered:

30 Sept 2004

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
CB	AR 6,075,982	6/13/00	Donovan et al.			
	BR 5,692,037	11/25/97	Friend			
	CR 6,198,431 B1	3/6/01	Gibson			
	DR 6,199,045	3/6/01	Giniger et al.			
	ER 6,169,891 B1	1/2/01	Gorham et al.			
	FR 6,181,935 B1	1/30/01	Gossman et al.			
	GR 6,317,594 B1	11/13/01	Gossman et al.			
	HR 5,768,509	6/16/98	Gunluk			
	IR 6,223,046 B1	4/24/01	Hamill-Keays et al.			
	JR 6,035,025	3/7/00	Hanson			
	KR 6,058,300	5/2/00	Hanson			
	LR 5,953,398	9/14/99	Hill			
	MR 5,797,094	8/18/98	Houde et al.			
CB	NR 5,822,700	10/13/98	Hult et al.			

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FORM 100-1 INFORMATION DISCLOSURE STATEMENT BY APPLICANT JUN 10 9 2003 PATENT & TRADEMARK OFFICE		To: U.S. Department of Commerce		Atty. Bollman	M# 20-436	Client Ref. SMITH
Date: <u>10/10/2003</u>				Page: <u>3</u> of <u>11</u>		Applicant: SMITH et al. Appln. No.: 09/832,009 Filing Date: April 11, 2001 Examiner: UNKNOWN GAU: 2152

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
CB	AR	5,987,323	11/16/99	Huotari			
	BR	4,706,275	11/10/87	Kamil			
	CR	5,828,740	10/27/98	Khuc et al			
	DR	5,592,535	1/7/97	Klotz			
	ER	5,351,235	9/27/94	Lahtinen			
	FR	5,978,685	11/2/99	Laiho			
	GR	6,188,752 B1	2/13/01	Lesley			
	HR	6,173,181 B1	1/9/01	Losh			
	IR	5,797,096	8/18/98	Lupien et al			
	JR	5,761,618	6/2/98	Lynch et al			
	KR	5,068,891	11/26/91	Marshall			
	LR	6,327,479 B1	12/4/01	Mikkola			
	MR	5,999,811	12/7/99	Molne			
CB	NR	6,064,875	5/16/00	Morgan			

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
CJB	AR 6,249,744 B1	6/19/01	Morita			
	BR 6,070,067	5/30/00	Nguyen et al			
	CR 6,049,710	4/11/00	Nilsson			
	DR 6,149,353	11/21/00	Nilsson			
	ER 5,774,533	6/30/98	Patel			
	FR 6,396,913	5/28/02	Perkins, III			
	GR 6,208,854 B1	3/27/01	Roberts et al			
	HR 5,905,736	5/18/99	Rohen et al			
	IR 5,628,051	5/6/97	Salin			
	JR 5,682,600	10/28/97	Salin			
	KR 5,787,357	6/28/98	Salin			
	LR 5,946,629	8/31/99	Sawyer et al			
CJB	MR 5,920,821	6/6/99	Seazholtz et al			
	NR 5,767,795	6/16/98	Schaphorst			

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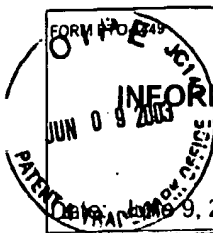
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To: U.S. Department of Commerce

Atty.	M#	Client Ref.
Bollman	20-436	SMITH
Applicant: SMITH et al.		
Appln. No.: 09/832,009		
Filing Date: April 11, 2001		
Examiner: UNKNOWN		GAU: 2152

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Examiner's Initials*		Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
CSB	AR	5,930,701	7/27/99	Skog			
	BR	5,794,142	8/11/98	Vantila et al			
	CR	5,806,000	9/8/98	Vo et al			
	DR	6,122,520	9/19/00	Want et al			
	FR	6,249,680 B1	6/19/01	Wax et al			
	FR	6,081,508	6/27/00	West et al			
	GR	5,946,630	8/31/99	Willars et al			
CSB	HR	6,205,330 B1	3/20/01	Winblad			
	IR						
	JR						
CSB	KR	5,797,091	8/18/98	Clise et al			
	LR	5,343,493	8/30/94	Karimullah			
	MR	5,479,482	12/26/95	Grimes			
CSB	NR	5,519,403	5/21/96	Bickley et al			

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Examiner *Crystal J Barnes* Date Considered: *30 Sept 2004*

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Client Ref.

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20-436

SMITH

Applicant: SMITH et al.

Appln. No.: 09/832,009

Filing Date: April 11, 2001

Examiner: UNKNOWN

GAU: 2152

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Examiner's Initials*		Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
CSB	AR	5,535,434	7/9/96	Siddoway et al.			
	BR	4,891,638	1/2/90	Davis			
	CR	5,070,329	12/3/91	Jasinaki			
	DR	5,068,656	11/26/91	Sutherland			
	ER	5,119,104	6/2/92	Heller			
	ER	5,177,478	1/5/93	Wagai et al.			
	GR	5,363,425	11/8/94	Mufti et al.			
	HR	5,387,993	2/7/95	Heller et al.			
	IR	5,485,163	1/16/96	Singer et al.			
	IR	5,479,408	12/26/95	Will			
	KR	5,497,149	3/5/96	East			
	LR	5,513,243	4/30/96	Kage			
	MR	5,588,009	12/24/96	Will			
CSB	NR	5,604,486	2/18/97	Lauro et al.			

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SMITH

Applicant: SMITH et al.

Appln. No.: 09/832,009

Filing Date: April 11, 2001

Examiner: UNKNOWN

GAU: 2152

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U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
CSB	AR	5,606,313	2/25/97	Allen et al.			
	BR	5,614,890	3/25/97	Fox			
	CR	4,494,119	1/15/85	Wimbush			
	DR	4,651,156	3/17/87	Martinez			
	ER	4,891,650	1/2/90	Sheffer			
	FR	5,014,206	5/7/91	Scribner et al.			
	GR	5,055,851	10/8/91	Sheffer			
	HR	5,208,756	5/4/93	Song			
	IR	5,218,367	6/8/93	Sheffer et al.			
	JR	5,223,844	6/29/93	Mansell et al.			
	KR	5,289,527	2/22/94	Tiedemann, Jr.			
	LR	5,293,642	3/8/94	Lo			
	MR	5,379,451	1/3/95	Nakagoshi et al.			
CSB	NR	5,347,568	9/13/94	Moody et al.			

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FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/DD/YY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
CSB	AR 5,374,936	12/20/94	Feng			
	BR 5,390,339	2/14/95	Bruckert et al.			
	CR 5,394,158	2/28/95	Chia			
	DR 5,398,190	3/14/95	Wortham			
	FR 5,406,614	4/11/95	Hara			
	FR 5,423,076	6/6/95	Westergreen et al.			
	GR 5,432,841	7/11/95	Rimer			
	HR 4,952,928	8/28/90	Carroll et al.			
	IR 5,214,789	5/25/93	George			
	IR 5,266,944	11/30/93	Carrol et al.			
	KR 5,325,302	6/28/94	Izidon et al.			
	LR 5,361,212	11/1/94	Class et al.			
CSB	MR 5,381,338	1/10/95	Wysocki et al.			
	NR 5,396,227	3/7/95	Carroll et al.			

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UB	AR 5,418,537	5/23/95	Bird			
	BR 5,434,789	7/18/95	Fraker et al			
	CR 5,461,390	10/24/95	Hoshen			
	DR 5,470,233	11/28/95	Fuchterman et al			
	FR 5,485,161	1/16/96	Vaughn			
	FR 5,488,563	1/30/96	Chazelle et al			
	GR 5,508,931	4/16/96	Snider			
	HR 5,515,287	5/7/96	Hakoyama et al			
	IR 5,532,690	7/2/96	Hertel			
	IR 5,539,398	7/23/96	Hall et al			
	KR 5,552,772	9/3/96	Janky et al			
	LR 5,568,119	10/22/96	Schipper et al			
	MR 5,574,648	11/12/96	Pilley			
CJB	NR 5,606,850	3/4/97	Nakamura			

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CJB	AR	5,610,815	3/11/97	Gudat et al			
	BR	5,615,116	3/25/116	Gudat et al			
	CR	5,621,793	4/15/97	Bednarak et al			
	DR	5,235,630	8/10/93	Moodey et al			
	ER	5,543,776	8/6/96	L'esperance et al			
	FR	5,633,912	5/27/97	Tsoi			
	GR	5,454,024	9/26/95	Lebowitz			
	HR	5,334,974	8/2/94	Simms et al			
	IR	5,299,132	3/29/94	Wortham			
	JR	5,193,215	3/9/93	Olmer			
	KR	5,144,283	9/1/92	Arens et al			
	LR	5,555,286	9/10/96	Tendler			
	MR	5,388,147	2/7/95	Grimes			
CJB	NR	5,081,667	1/14/92	Drori et al			

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Q/S	AR 1,103,073	7/14/14	O'Connell			
1	BR 5,043,736	8/27/91	Darnell et al			
Q/S	CR 5,161,180	11/3/92	Chavous			
	DR 5,239,570	8/24/93	Koster et al			
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